

# Spring term assessment content domain coverage

## **Year 3 Mathematical reasoning**

#### **Assessment overview**

| Content domain  | Total |
|---|-------|
| Number and place value  | 4     |
| Addition, subtraction, multiplication and division (calculations) | 12    |
| Fractions, decimals and percentages                               | 8     |
| Measurement   | 6     |
| Geometry – properties of shapes                                   | 0     |
| Geometry – position and direction                                 | 0     |
| Statistics  | 0     |



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#### **Question breakdown**

| Q  | Reference |  |
|----|-----------|--|
| 1  | 3N2c      | find 10 or 100 more or less than a given<br>number                             |
| 2  | 3M1a      | compare lengths (m / cm / mm)  |
| 3  | 3N3       | recognise the place value of each digit in a three-digit number                |
| 4  | 3F3       | compare and order unit fractions and fractions with the same denominators      |
| 5  | 3F1b      | recognise, find and write fractions of a discrete set of objects               |
| 6  | 3F1c      | use fractions as numbers: non-unit fractions with small denominators           |
| 7  | 3C6       | use multiplication and division facts for the 3, 4 and 8 multiplication tables |
| 8  | 3C4       | solve problems using number facts, place value, and addition and subtraction   |
| 9  | 3C8       | solve problems involving multiplication and division                           |
| 10 | 3F1a      | recognise that tenths arise from dividing an object into 10 equal parts        |
| 11 | 3N3       | recognise the place value of each digit in a three-digit number                |
| 12 | 3C7       | write and calculate mathematical statements for multiplication and division    |
| 13 | 3C6       | use multiplication and division facts for the 3, 4 and 8 multiplication tables |
| 14 | 3M2c      | measure volume / capacity  |
| 15 | 3M2c      | measure volume / capacity  |
| 16 | 3M9d      | add and subtract volume / capacity   |
| 17 | 3N1b      | count from 0 in multiples of 4, 8, 50 and 100                                  |
| 18 | 3C4       | solve problems using number facts, place value, and addition and subtraction   |
| 19 | 3C7       | write and calculate mathematical statements for multiplication and division    |
| 20 | 3C4       | solve problems using number facts, place value, and addition and subtraction   |

| Q  | Reference |  |
|----|-----------|--|
| 21 | 3M7       | measure the perimeter of simple 2–D shapes                                     |
| 22 | 3C6       | use multiplication and division facts for the 3, 4 and 8 multiplication tables |
| 23 | 3C7       | write and calculate mathematical statements for multiplication and division    |
| 24 | 3F3       | compare and order unit fractions and fractions with the same denominators      |
| 25 | 3M7       | measure the perimeter of simple 2–D shapes                                     |
| 26 | 3C4       | solve problems using number facts, place value, and addition and subtraction   |
| 27 | 3C4       | solve problems using number facts, place value, and addition and subtraction   |
| 28 | 3F2       | recognise and show equivalent fractions with small denominators                |
| 29 | 3F2       | recognise and show equivalent fractions with small denominators                |
| 30 | 3F3       | compare and order unit fractions and fractions with the same denominators      |